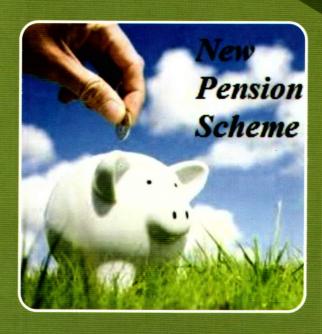
Professional Documentation on Best Practices for the project of

New Pension Scheme (Contributory Pension Scheme)



Prepared By

Government of Chhattisgarh

Directorate of Treasuries, Accounts & Pension

Supported By

Department of Administrative Reforms and Public grievances

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1. Introduction

1.1 Purpose:

The purpose of this document is to present a detailed description of the CPS Accounting System. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate and how the system will react to external stimuli.

1.2 Scope of Project:

This software has been designed to facilitate proper accounting of contributions pertaining to employees of Chhattisgarh Government / Union Territories and employees of the autonomous bodies working in the state.

1.3 Glossary:

Challan: The instrument used to deposit cash in a bank / Treasury.

Drawing and Disbursing Officer (DDO): Government Official authorized by Accountant General to transact with the Treasury.

Treasuries: Units of fiscal system that transacts with RBI on behalf of State Governments. State Government can draw the money from Reserve Bank of India only through Treasury. Treasury accounts to the RBI for all the transactions made on behalf of the State Government as given in state treasury code.

Employee code: A unique code is allotted to each employee of the State for necessary identification.

1.4 Acronyms:

PPAN	Permanent Pension Account Number
PRAN	Permanent Retirement Account Number
NSDL	National Securities and Depositaries Ltd.
NPS	New Pension Scheme
DTAP	Directorate of Treasury, Account and Pension
DDO	Drawing and Disbursing Officer
CPS	Contributory Pension Scheme
PFRDA	Pension Fund Regulatory and Development Authority
CRA	Central Record Keeping Agency
FVU	File Validation Utility
DDOREGNO	DDO registration Number
DTOREGNO	District Treasury Officer Registration Number

1.5 Background:

The Government of India established Pension Fund Regulatory and Development Authority (PFRDA) on 10th October 2003 to develop and regulate the Pension Funds under the New Pension Scheme. PFRDA has appointed National Securities Depository Limited (NSDL) as the Central Record Keeping Agency (CRA) to maintain the records of contribution and its deployment in various pension fund schemes for the employees, Bank of India as Trustee Bank, SBI, UTI and LIC as pension fund manager. It executed deed of New Pension System (NPS) Trust and now NPS Trust came in to existence on 27th February, 2008. Stock Holding Corporation is also engaged for taking care of investing pension amount.

Government of Chhattisgarh decided to adopt the scheme for its new joining employees with effect from 1-11-2004 and accordingly issued notification vide No. 977/C-761/F/R/IV dated 27th October 2004. DTAP is given the responsibility of accounting the monthly contributions made by employees and issue annual information on available fund in his/her account after duly incorporating Employer's contribution and interest calculated there upon. It was decided in January 2006 that the computerized accounting system will be developed for accounting of NPS.

10 % of Basic Pay and DA are to be deducted from monthly salary of each subscriber and equal matching grant from employer is deposited in subscriber's N.P.S. account.

Government of Chhattisgarh has executed agreement with NSDL as CRA on 19th Sept, 2008. In CRA system PRAN is allotted by NSDL. For this first of all, all Drawing and Disbursing Officer's, all Treasury officers and DTAP (as nodal officer / cum pay and account officer PAO) should get registered in NSDL. Registration form is prescribed by CRA. The form for Directorate Treasury, Accounts and Pension is annexure -N1, for Treasury Officers is annexure -N2 and for DDO's is annexure -N3. PFRDA has appointed Stock Holding Corporation of India Ltd. as custodian and Bank of India as trustee bank. S.B.I. pension fund Ltd., UTI retirement solution Ltd.

and LIC Pension Fund is appointed as pension fund manager. For accounting and record keeping, NSDL is appointed as Central Record keeping Agency (CRA).

2. Situation before initiative

As the scheme is introduced fresh into the government system, the process of modalities to implement the scheme were going on till 31-12-2005 and no manual system was maintained/followed for the employees expected to be covered in the scheme. The online treasury computerization (e-Kosh) is effectively implemented with effect from 1-4-2005 across the state. It was decided to build employee database and implement Payroll software with effect from 1-10-2005 with an objective to link salary data of employees with treasury system. It was decided in January 2006 by the government that the New Pension Scheme accounting system be implemented in the state using the existing e-Kosh system built on state-of-the-art technologies.

3. Strategy adopted

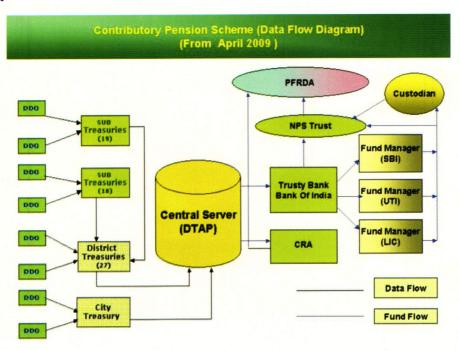
It is decided to introduce computerized accounting system to address the issues of capturing the contributions from monthly salaries of employees, proper accounting and generation of required reports electronically. National Informatics Centre, Chhattisgarh State centre who as a consulting agency designed, developed and provided implementation support to the existing e-Kosh system was approached to design suitable accounting system for the New Pension Scheme. Following issues are to be addressed in the system.

- Employee joined after 1-11-2004 to be allotted unique Permanent Pension Account Number known as PPAN.
- The salaries of employees to be prepared using uniform Payroll software across the state and salary data need to be processed in treasuries through e-Kosh system.
- Treasuries to submit monthly account after due verification and upload to Central Server located at DTAP.
- Separate offline system to be designed for capturing the data pertaining to employees whose salary is drawn outside the treasury system. This data obtained at DTAP to be compiled at state level.

The consolidated data all employees covered under the scheme is to be compiled and government share to be incorporated for each employee and the account to be submitted to Government on monthly basis.

4. System Description

4.1 System Environment:



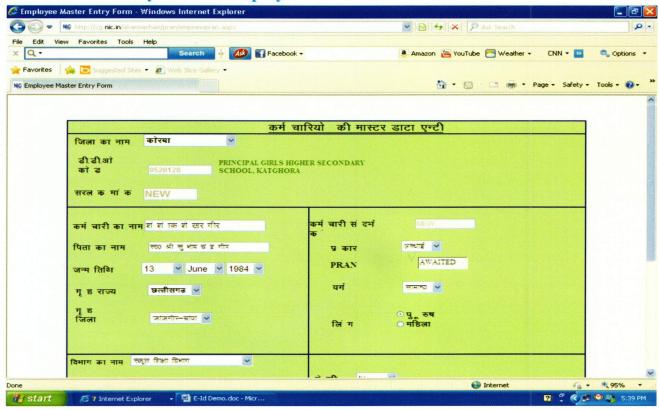
4.2 Acceptance of forms:

Upto 2009 the system allots unique PPAN for each employee before the salary is drawn from the treasuries and communicated to DDOs online. The 12 digit PPAN consists of Year of joining, HOD Code, running serial number. The forms are collected from DDOs for the newly joined employees, verified at DTAP before allotment process takes place.

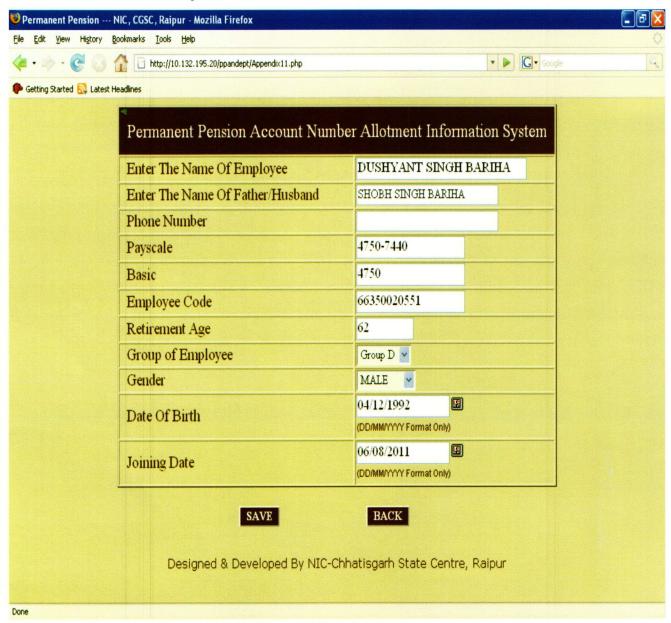
Record and account maintenance is entrusted to NSDL with effect from 1st April 2009. Required exercise has been taken up for smooth transition of data to NSDL system without any re-entry of data at any level.

Under the new system from 1st April, 2009 subscriber submits application in annexure S-1 and employee bio-data form in three copies along with photo to DDO for allotment of PRAN and employee code. It is essential for any employee to be registered in employee database for allotment of PPAN/PRAN. The DDO forwards application in two copies to DTAP. At DTAP the details are entered into the employee database for generation of 11-digit employee code comprising 7-digit DDO code and 4 digit running serial number for that DDO. A Departmental 12-digit PPAN is allotted using CPS system at DTAP.

4.2.1 Master Entry Form in Employee Database:

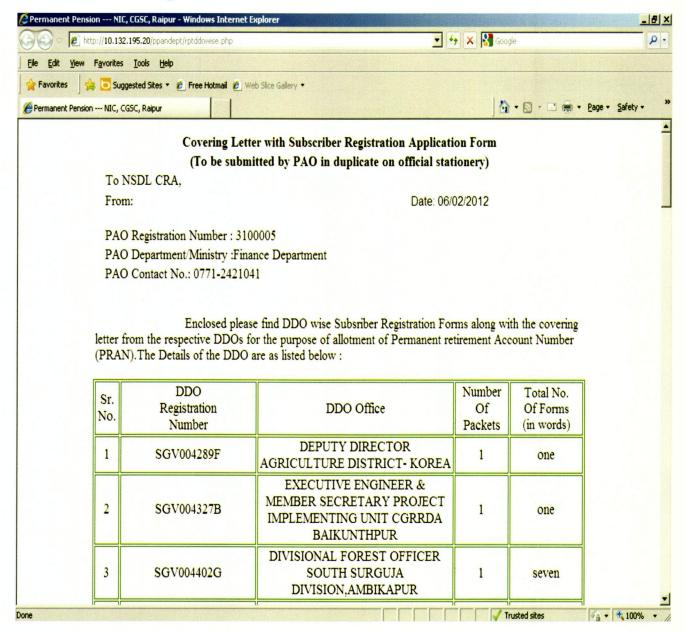


4.2.2 PPAN Entry form:



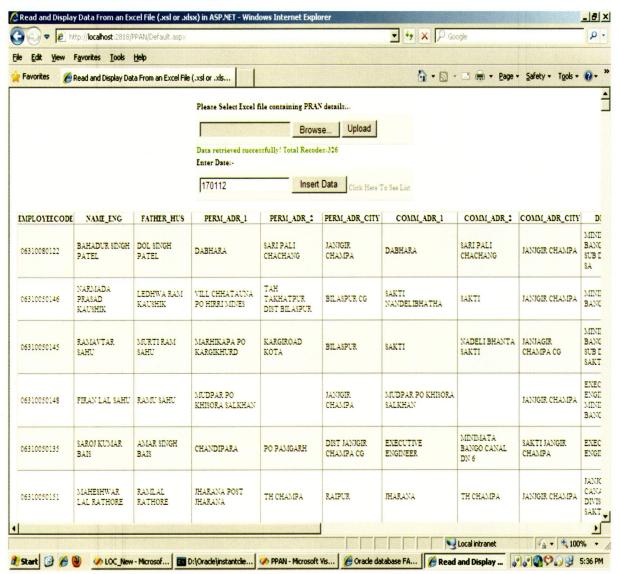
After the registration of application form, DTAP (Nodal officer) forward the registered applications in a covering letter to the facility center located at Hyderabad for allotment of PRAN along with employee ID Number.

4.2.3Covering Letter:



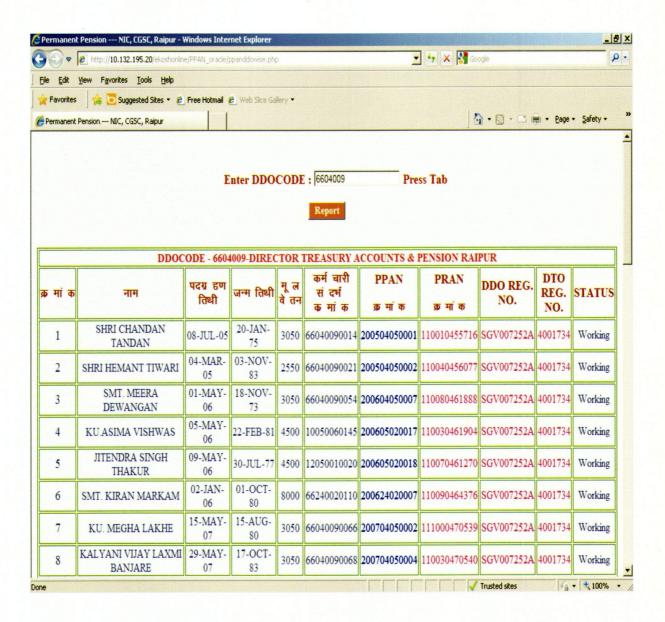
The facility center enters the data into the prescribed system as per NSDL requirements and transmits data to NSDL Mumbai for allotment of PRAN.NSDL generates the PRAN no., and reports to directorate. Allotted PRAN data is then merged into PRAN database at DTAP as per established systemic procedure.

4.2.4PRAN Insertion Form:



4.2.5 Communication of PRAN:

PRAN data thus updated is made available on the e-Kosh online portal for necessary view by respective employees and DDOs. Subsequently DTAP also communicate to the respective DDOs regarding allotment of PRANs to the employees working in their office. The online reports help to reduce the delay in actual utilization of PRAN of the employee.



4.2.6 Generation and Processing of Salary Data:

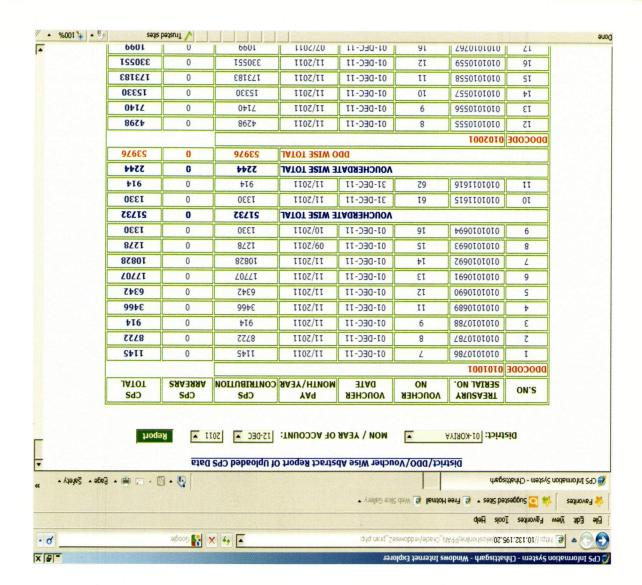
DDOs prepare the salary bills using e-Payroll system that validates the employee information based on DDO Code, Employee Code and PRAN. The multi validations help to maintain the accuracy of the data. The hard copies of salary bills thus prepared are taken out, signed by DDO and submitted in respective treasury/sub treasury.

The salary data is transmitted online to treasury system for necessary processing of salaries. No correction of any data is allowed at treasuries. In case of any error found in salary bills, the correction shall take place through e-Payroll only and is subsequently updated at treasury through online means.

Treasury/Sub Treasury process and pass the salary bills and arranges to credit the salaries into employee's bank account using e-Payment system that is being implemented. The Agency Bank forwards the daily e-payment data to DTAP using which treasuries update the voucher data. Reconciliation takes place between the agency bank and treasury and data is finalized for generation of voucher numbers.

4.2.7 Updating CPS Data at Central Server:

The CPS data is uploaded to central server on daily basis from each treasury for periodic verification of data at DTAP during the month. Issues of double drawl of salaries (if any), validity of PRAN and DDO will come up during this stage so that problems can be sorted out immediately without waiting till the end of the month.



At the end of the month, on generation of vouchers at treasuries, district treasury compiles the CPS data comprising contributions of employees covered under treasury and it's sub treasuries. Subsidiary registers are taken out, verified and signed by Treasury Officer and submitted in hard copy to DTAP before 7th of subsequent month for necessary consolidation.

-	Treasury Backunthpur (Including Subtreasurie	es Homth:	June 2012	-			
16		faticle Ameunt	Challen Amount (a	ST from Parmont (b)	Total Reculet (c) = (a >> (b)	Commisse/ST In Perment (6)	Not Amoun
2	sury Baikunthpur						
2	2039/9/0.00 DISTRICT EXCISE OFFICER KOREA 01/06/2012		0.00	1234.00	1234.00	0.00	1234.00
	2215/9/0.00 EXECUTIVE ENGINEER PUBLIC 01/06/2012 HEALTH ENGINEERING BRIGHTHPUR		0.00	25641.00	25641.00	0.00	25641.00
	2055/7/0.00 SUPERINTENDENT OF POLICE KOREA 01/06/2012		0.00	4486.00	4488.00	0.00	4498.00
	2210/22/0.0 SUPERINTENDENT CUM DISTRICT 01/06/2012 AYURVAD OFFICER KOREA		0.00	1198.00	1198.00	0.00	1198.00
	2235/21/0.0 DISTRICT SAINIF WELFARE 01/06/2012 OFFICER, KOREA		0.00	3714.00	3714.00	0.00	3714.00
	2055/4/0.00 DEPUTY DIRECTOR FUBLIC 01/06/2012 PROSECUTION KOREA		0.00	2396.00	2396.00	0.00	2396.00
	2215/10/0.0 EXECUTIVE ENGINEER PUBLIC 01/06/2012 HEALTH ENGINEERING SALKUNTHPUR		0.00	5848.00	5948.00	0.00	5848.00
	2751/6/2012 RESOURSE DIVISION BAIKUNTHPUR		0.00	6542.00	6542.00	0.00	6542.0
	2406/29/0.0 DIVISIONAL FOREST OFFICER KOREA 01/06/2012 BAIKUNTHPUR		0.00	68335.00	69335.00	0.00	68335.00
	2408/6/0.00 CHAIRMAN DISTRICT FORUM FOR 01/06/2012 CONSUMER PROTECTION KOREA		0.00	956.00	956.00	0.00	956.0
	2210/9/0 GO SUPERINTENDENT CUM DISTRICT 01/06/2012 AYURVAD OFFICER MOREA		0.00	1048.00	1049.00	0.00	1048.0
	2210/2/0 00 SUPERINTENDENT CUM DISTRICT 01/06/2012 AYURVAD OFFICER KORBA		0.00	3318.00	3310.00	0.00	3318.00
	2701/2/0.00 EXECUTIVE ENGINEER WATER 01/06/2012 RESOURSE DIVISION BAIRUNTHPUR		0.00	1147.00	1147.00	0.00	1147.00
	2202/63/0.0 PRINCIPAL GOVERNMENT HIGHER 01/06/2012 SECONDARY SCHOOL PATNA		0.00	1122.00	1122.00	0.00	1122.00
	2202/62/0.0 PRINCIPAL GOVERNMENT HIGHER 01/06/2012 SECONDARY SCHOOL PATNA		0.00	1912.00	1912.00	0.00	1912.00
-	2202/61/0.0 PRINCIPAL GOVERNMENT HIGHER 01/06/2012 SECONDARY SCHOOL PATNA		9.00	1122.00	1122.00	0.00	1122.00
7	2039/8/0.00 DISTRICT ENCISE OFFICER KOREA 01/06/2012		0.00	1765.00	1765.00	0.00	1765.0
4	AT 1810 COURTE OF THE PROPERTY OF THE TO		0.00	3847 00	3847 00	0.00	3947.0

The CPS contributions made by employees whose salary is not drawn through treasuries viz. employees deputed to autonomous bodies like universities and other institutions is paid through challans by respective institutions and sent in the form of annexure – 4 to DTAP for compilation. This data is entered at DTAP and combined with regular data.

4.2.8Challan:

P.no. 2422124 कार सत 1122049 ग्वालियर खजाना / उपकोषालय / खजनजी / स्टेट बॅंक आफें इंडिया, मुख्य शाखा, रायपुर й фија 726236 Reта 9 14 012 By Whom brought On What Amount Amount श्रीमति शम्मी आहिदी (आई.ए.एस.) मुख्य कार्यकाछि भी पे एस./ A/C No-P-R-A-N. No 110030464351 Subscription 4290-00 Contribution 4290-00 माह मार्च —2012 8580-00 ALL STATES योग:- 8580.00 In Words आठ हजार पांच सौ अस्सी रूपये मात्र 83.42 अन्य जमां 117 नवीन अशंदायी पेंशन योजना 8803 टीयर—1 के अंतर्गत शास,सेवक का अशंदान एवं 8804 टीयर 2 के अंतर्गत राज्य शासन (नियोक्ता) का अशंदान Head Of Revenue Detail Major Head Notes Detailed Head 8580-00 Certified that the amount shown above have been entered in, department register to the head of revenue deposit. लेखापाल श्वारलीय रुटेट खेंदाऽ विश्वेषाश्व शावशीव शावा दावपुर-13105 कोषालय मुख्य कार्यपालन अधिकारी • जिला पंचायत रायपुर TT APR 2012 क्षतार्थाक्ष

4.2.9Annexture - 3:

				MAI	XURE-3						
		FORMAT OF	SCHEDULE OF GOVE		ara 7(14) SERVANT	S AND C	ONTRIB	UTIONS T	OWARDS		
			TIER I AND TIE	R4I OF TI	IE NEW PI	NSION S	CHEME				
			(to bi	attached	with the P	ay Bill)					
Name (of DDO/C	de No.	Chef Executive Office Zila Panchayat Rapu		Month -)/	W4.12	Mina	Scheme	for Govt. S Contribut	ervants 10% of	y Penstion (In Rupees)
SN	Month	PPAN	Name of Govt. Servan	Designati	Basic Pay	0 A +0.P	Total	Commbut	Contibuti	Total	Personics
								ion under Tier- \$10% of Col. 7)	on under Tier-is		
1				haiv yar	5	6	10117011	1		10	15
	Mar-12	110030484351	Still Sharen Abdi	CEO 29	27150	35747	42897	4250		4290	
	Andrews		OC 11 1001 SANDON DOS 100 1000	1,0000000000000000000000000000000000000	20002 1 20003	AND PROPERTY.		200011.00		4290	

4.2.10Annexture - 4:a

ANNEXURE -4

see para 7 (16)
FORMAT OF SCHEDULE OF GOVERNMENT SERVANTS CONTRIBUTION TIER-1 AND TIER-II OF THE NEW PENSION SCHEME

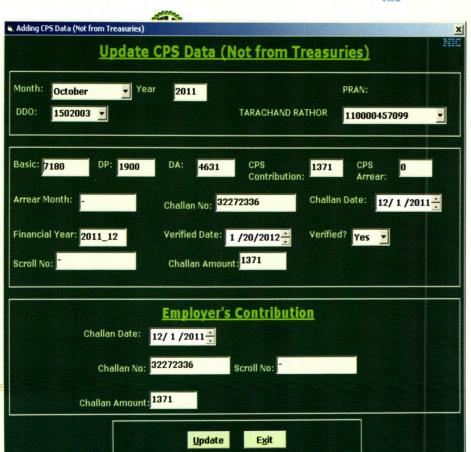
S.N	P.R.A.N.	Name of Govt.	Designation	Basic	DP	DA	Total	Contribution under			Contribut	Remark
0.		Servant		Pay				Tier_I (10% of col.7)	Contribution under Tier-I		ion Tier-	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	110000632256	Niraj Kumar Bansod	C.E.O. Z.P. Dantewada	19760	6600	17134	43494	554	554	1108	0	
			Total	19760	6600	17134	43494	554	554	1108	0	

Total Rs. -One Thusand One Hundred Eight Only

Chief Esceutive Officer Zila Panchayat Distt. :- South Bastar, Dantewada (C.G.)

4.2.11Challan entry Form at DTAP:

🤵 Data Verification for CPS , The DTA-Raipur, Govt. of Chhattisgarh ACTIONS REPORTS ADMINISTRATION EXIT NIC



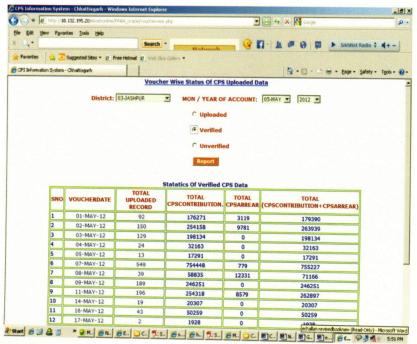
Login User: 04 - 9

4.2.12CPS Verification System at DTAP:

The consolidated data is thoroughly verified through existing validation checks maintained in the system at this stage for each treasury and each date of the month. Matching government contribution is inclusive in the case of challans received directly. For treasury drawls it is incorporated at this verification stage.



Verified data is thus viewed by the DTAP for proper matching with the treasuries subsidiary register.



Once the data has been verified by DTAP, a text file is generated with taking care of the constraints and norms of the NSDL and its requirements.

A file validation utility is provided from NSDL to validate the created text file on its constraints. The errors that may arise are resolved accordingly.

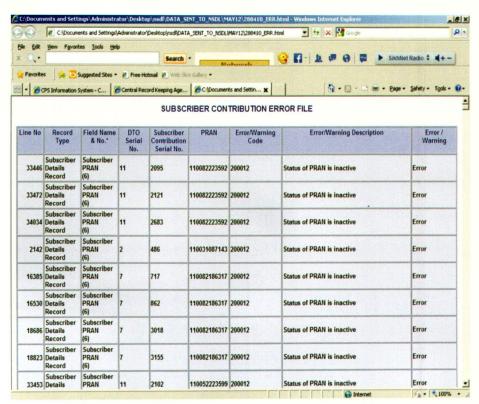
Errors may be of several types as follows:

- 1. The NSDL system accepts the data if it is drawn for any month not older than four years. If the salary drawn is of four years or more old then the salary is to be shown as arrear in the current month.
- 2. Errors that may exist in text file due to invalid sequence of treasuries, month and year. This type of errors is very less as the existing e-Kosh system takes care of this.

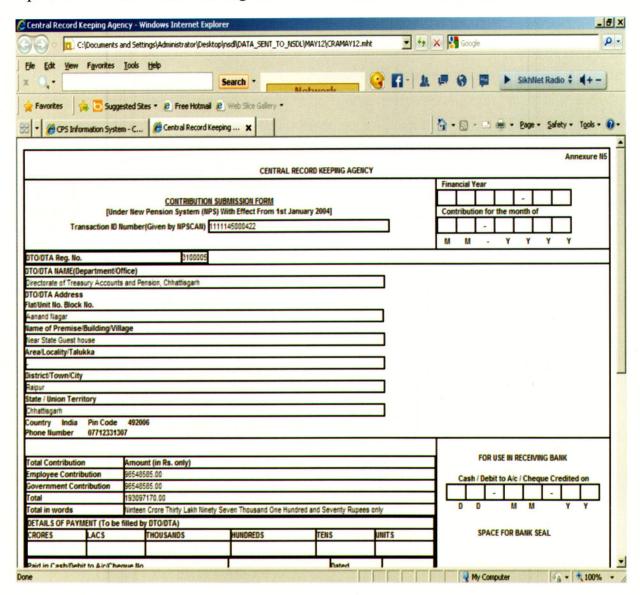
After solving the errors (if any) are rectified in the basic data and all corresponding tables and text file is generated again and validated. The FVU utility creates a separate file if there are no errors in the text file. This file is then uploaded to NSDL site for which a reference number is generated by NSDL.

This reference number is used to view the status of uploaded file. Some error may get generated at this time, which may be follows:

- 1. If the PRAN of the subscriber is inactive or,
- 2. The subscriber is transferred to some other state,
- 3. Other miscellaneous errors



The errors (if any) are rectified from the table level; text file is regenerated and uploaded to NSDL site. NSDL generates a challan for error free data.



The hard copy of the challan is taken out and a bill is prepared as per the challan amount and submitted to treasury for necessary passing. The amount is remitted to designate bank account of NSDL maintained by trustee bank (Bank Of India).

5. Best Practices Followed:

Allotment of unique PPAN/PRAN to the employee from the initial stages, so that no error occurs at subsequent levels.

- ➤ Preparation of salary bills through e-Payroll by DDOs to achieve uniform salary bill preparation across the state.
- Linkage of salary bills with treasury accounting for achieving accuracy of salary data.
- Multi validation checks like DDO Code, Employee Code, and PRAN to ensure 100% correctness of the data.

6. Results achieved:

- Accurate maintenance of CPS account for every employee.
- Timely submission of monthly account to NSDL so that no interest loss happens to employee.
- Central submission of data for entire state instead of submission through nodal offices, which is being followed in some other states.
- Transparency in the system at every stage that the data can be verified by employee, DDO, treasury and finally by DTAP.

7. Replicability of system:

CPS Accounting is a hybrid system that is being followed in the state of Chattisgarh. The online part of CPS administration takes care of allotment of PRAN, real time communication of PRAN data and other online requirements of DTAP. The offline part ensures that the data is integrated and generated with/through treasury system. For replicability at any other state requires complete computerization of treasuries as per Chhattisgarh model.

8. Sustainability:

There is no maintenance of manual system for CPS accounting. All the required reports generated through processed data. DDOs and treasuries are completely dependent on the system. The system saves a lot of time for DDOs, Treasuries, and DTAP in maintaining various reports from time to time. No extra manpower is available at DDO/Treasury level and minimum manpower is kept at state level to run the system. Thus the system is highly sustainable and cost effective.

